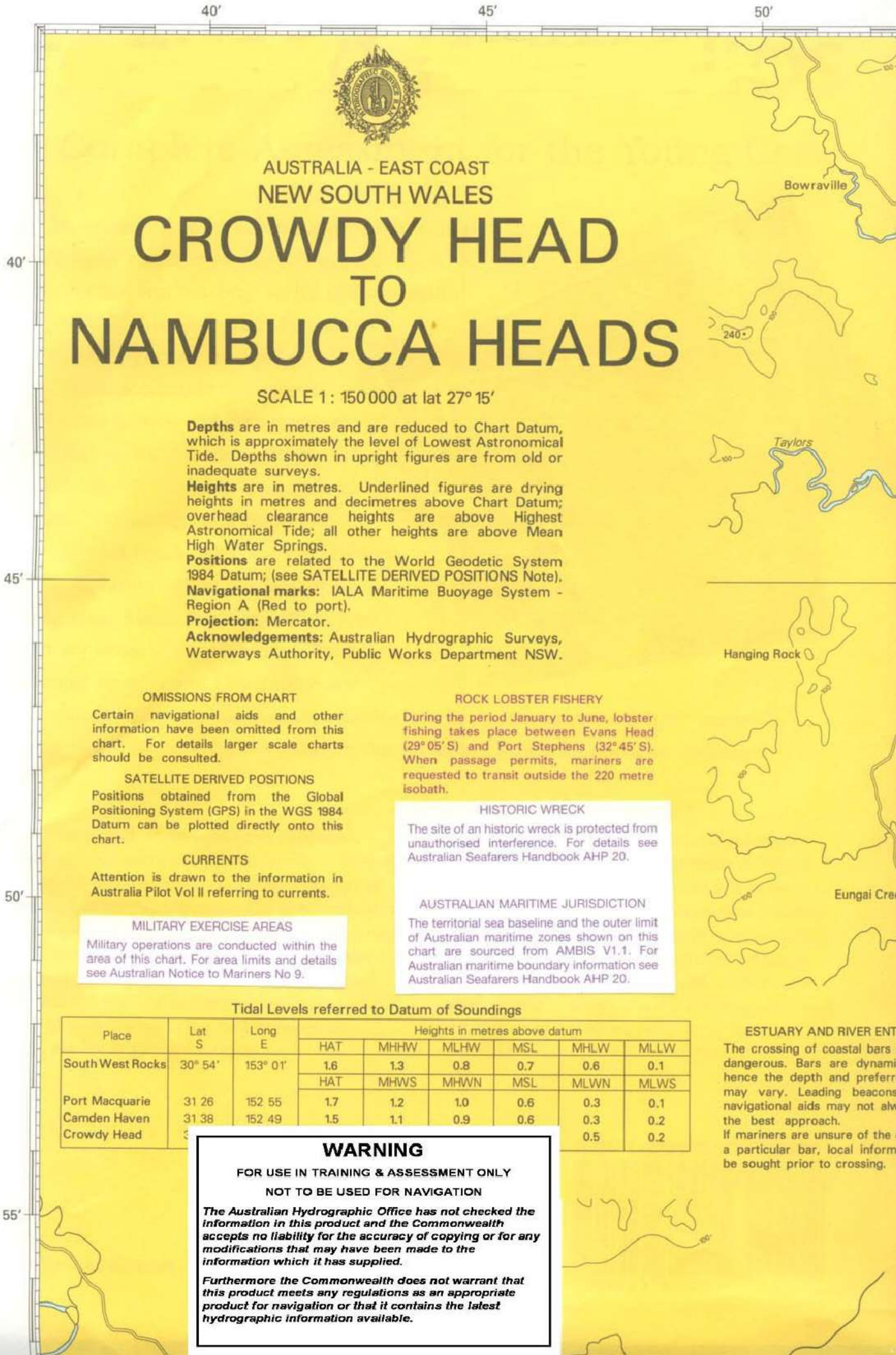


WGS 1984 positions CAN be plotted directly onto this chart



AUSTRALIA - EAST COAST
NEW SOUTH WALES

CROWDY HEAD TO NAMBUCCA HEADS

SCALE 1: 150 000 at lat 27° 15'

Depths are in metres and are reduced to Chart Datum, which is approximately the level of Lowest Astronomical Tide. Depths shown in upright figures are from old or inadequate surveys.

Heights are in metres. Underlined figures are drying heights in metres and decimetres above Chart Datum; overhead clearance heights are above Highest Astronomical Tide; all other heights are above Mean High Water Springs.

Positions are related to the World Geodetic System 1984 Datum; (see SATELLITE DERIVED POSITIONS Note).

Navigational marks: IALA Maritime Buoyage System - Region A (Red to port).

Projection: Mercator.

Acknowledgements: Australian Hydrographic Surveys, Waterways Authority, Public Works Department NSW.

OMISSIONS FROM CHART

Certain navigational aids and other information have been omitted from this chart. For details larger scale charts should be consulted.

SATELLITE DERIVED POSITIONS

Positions obtained from the Global Positioning System (GPS) in the WGS 1984 Datum can be plotted directly onto this chart.

CURRENTS

Attention is drawn to the information in Australia Pilot Vol II referring to currents.

MILITARY EXERCISE AREAS

Military operations are conducted within the area of this chart. For area limits and details see Australian Notice to Mariners No 9.

ROCK LOBSTER FISHERY

During the period January to June, lobster fishing takes place between Evans Head (29° 05' S) and Port Stephens (32° 45' S). When passage permits, mariners are requested to transit outside the 220 metre isobath.

HISTORIC WRECK

The site of an historic wreck is protected from unauthorised interference. For details see Australian Seafarers Handbook AHP 20.

AUSTRALIAN MARITIME JURISDICTION

The territorial sea baseline and the outer limit of Australian maritime zones shown on this chart are sourced from AMBIS V1.1. For Australian maritime boundary information see Australian Seafarers Handbook AHP 20.

Tidal Levels referred to Datum of Soundings

Place	Lat S	Long E	Heights in metres above datum					
			HAT	MHHW	MLHW	MSL	MHLW	MLLW
South West Rocks	30° 54'	153° 01'	1.6	1.3	0.8	0.7	0.6	0.1
Port Macquarie	31 26	152 55	1.7	1.2	1.0	0.6	0.3	0.1
Camden Haven	31 38	152 49	1.5	1.1	0.9	0.6	0.3	0.2
Crowdy Head	31 58	152 40	1.5	1.1	0.9	0.6	0.5	0.2

ESTUARY AND RIVER ENTRANCES

The crossing of coastal bars is dangerous. Bars are dynamic hence the depth and preferred approach may vary. Leading beacons navigational aids may not always be the best approach. If mariners are unsure of the nature of a particular bar, local information should be sought prior to crossing.

WARNING

FOR USE IN TRAINING & ASSESSMENT ONLY
NOT TO BE USED FOR NAVIGATION

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